

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/542,958  
Source: IFWP  
Date Processed by STIC: 08/11/2006

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IFWP

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/542,958

DATE: 08/11/2006

TIME: 11:01:02

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3 <110> APPLICANT: ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY  
 4 JACOBS, JR., William R.  
 5 HSU, Tsungda  
 6 BARDAROV, Stoyan (deceased)  
 7 SAMBANDAMURTHY, Vasan  
 8 MORRIS, Sheldon  
 10 <120> TITLE OF INVENTION: USE OF MYCOBACTERIAL VACCINES IN CD4+ OR CD8+  
 11 LYMPHOCYTE-DEFICIENT MAMMALS  
 13 <130> FILE REFERENCE: 96700/1031  
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/542,958  
 C--> 16 <141> CURRENT FILING DATE: 2005-07-21  
 18 <150> PRIOR APPLICATION NUMBER: US 60/442,631  
 19 <151> PRIOR FILING DATE: 2003-01-24  
 21 <160> NUMBER OF SEQ ID NOS: 12  
 23 <170> SOFTWARE: PatentIn version 3.3  
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384	cacgaccgtc	agcacgcgg	cgaaatgggt	tggccgcgg	ccgcgcctcg	gttcggccgc	960
386	caacggaccg	ggttgcacgg	tggtgcgcag	gccgtcggt	tacatcgccg	cggtagttgg	1020
388	cgtgaaagcg	atttcacgc	tttcggcccg	cagttgcgc	aggtcgtcg	ccgggtgcg	1080
390	gggataggcg	tcgagatctt	ccccggcacc	gaattgcac	gggttgcga	agatcgacac	1140
392	gacgacgacc	gatccggca	ccgcgttgc	cgcacgcacc	aacgcgaggt	ggccttcgtg	1200
394	cagcgcaccc	atagtaggca	ccaacatcac	tcgcggccg	gtgagtcgc	gtgcgcgact	1260
396	gacatcgccg	acatcccccg	gtgcgcgaga	cacattga			1298
399	<210>	SEQ ID NO:	3				
400	<211>	LENGTH:	771				
401	<212>	TYPE:	DNA				
402	<213>	ORGANISM:	Mycobacterium tuberculosis				
404	<400>	SEQUENCE:	3				
405	aacggggcgt	gagccgggac	gcgtcgatgt	accgcgcgc	cgcgggctg	caccggctgt	60
407	gcgacagcct	atccggagca	cagggtcg	acgtggctt	tcgcgcgt	ttcgaggacg	120
409	tggcgctcac	gctggcg	cagacgtga	ccgcgcgc	cttggccgc	accgaaagcc	180
411	gtggctgcac	tcatcgcg	gagttaccgt	gcaccgtcc	ggagcaggca	cgcacatcg	240
413	tgtccgggg	agccgacgac	gcaatgcgg	tgtgttcca	ggcgctagtg	cggtgtgt	300
415	gatggggta	tccgactggg	agctggctc	ggctcgagca	gcaatcg	gtggctcg	360
417	cgaggaccc	cggtacggcc	cgatgtcac	cacattggcg	acggtgcctg	ccagtgcgac	420
419	gaccacccg	tcgctgtga	cccgaggagc	cggtgtgg	gccggatttg	atgtcgct	480
421	gctgacgctg	aacgaatcc	ttggcacc	cggttatcg	gtgctcgacc	cggtcgagga	540
423	ccgcgcgg	gtgcccgg	gagaggact	tatgacgtc	gaagccaaa	cgcgccgatt	600
425	gttgaccgc	gagcgcacca	tgttgaacct	ggtcgtc	ctgtcg	tcgcaccgc	660
427	gacggccgcg	tgggtcgat	ctgtgcgcg	gaccaaagcg	aaaatccgc	ataccgtaa	720
429	gacgctgccc	ggcctcg	cgctgcacaa	atacgcgt	cgtaccgg	gt	771
432	<210>	SEQ ID NO:	4				
433	<211>	LENGTH:	1255				
434	<212>	TYPE:	DNA				
435	<213>	ORGANISM:	Mycobacterium tuberculosis				
437	<400>	SEQUENCE:	4				
438	gtgaacgac	tgctgcactt	agcgcgaat	gtgtggccgc	gcaatactac	tcgcgtatgaa	60
440	gtcgggtgt	tctgcac	aggaattca	ctgacgc	tcgccc	gtacggacc	120
442	ccgcgttgc	tcatcgac	ggacgactt	cgctcg	gccgagaaac	cgccgcggcc	180
444	tttggaaatgt	gggcgaaacgt	gcactatgc	gccaaggcg	tcctgtcg	cgaagtgc	240
446	cgtggatca	gcaagaagg	gctctgtct	gacgttgc	ccgggtgg	gttggcggt	300
448	gcgcgtc	ctagttcc	ccccgagcg	attacctgc	acggcaacaa	caaatcggt	360
450	tcaaggttgc	ccgctgcgt	caaagccgg	gtcgccata	ttgtcg	ttcgatgacc	420
452	gagatcgac	gcctcgac	catcgccgg	gaggccgg	tgtcc	tgctctgg	480
454	cgtctcacc	tcggtgtcg	ggcgcacacc	cacgat	tctcc	ccgcgcac	540
456	cgtcagccac	atcggttc	agatctcg	cgtggacgg	ttcgaaactcg	ccgcgcac	600
458	tgtcatcg	ctgtac	cgatcg	cgatcggt	ccgaaaaga	cgccacagat	660

RAW SEQUENCE LISTING ERROR SUMMARY                    DATE: 08/11/2006  
PATENT APPLICATION: US/10/542,958                    TIME: 11:01:03

Input Set : A:\96700-1031 - from 862 seq list.ST25.txt  
Output Set: N:\CRF4\08112006\J542958.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:5,6,7,8,9,10,11,12

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/542,958

DATE: 08/11/2006

TIME: 11:01:03

Input Set : A:\96700-1031 - from 862 seq list.ST25.txt  
Output Set: N:\CRF4\08112006\J542958.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application Number

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date